

# SERVICE MANUAL

KL-777X(KL-7070X) KL-888X(KL-8080X) KL-999X(KL-9090X)



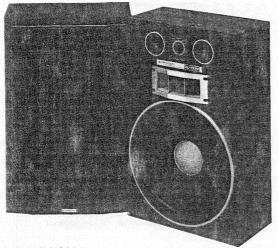
Photo is KL-999X

SPEAKER SYSTEM



# EXTERNAL VIEW/REPAIR

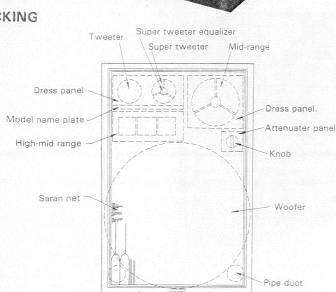
#### < KL-777X >



< KL-888X >



**PACKING** 



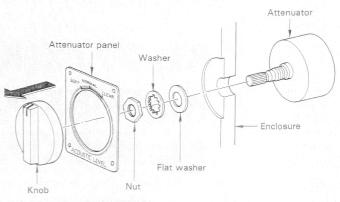
Grille ass'y KENWOOD badge

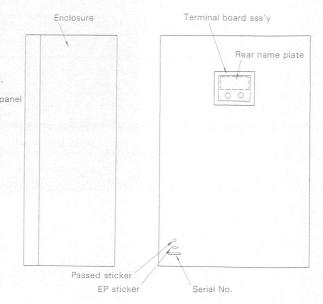
< KL-999X >



When replacing super tweeter of KL-999X having the serial No. before 961000 remove the screw fixing the super tweeter behind Model name plate.

#### DISASSEMBLY OF ATTENUATOR







# **PARTS LIST**

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P: Canada U: PX, W: Europe (KLooooX) H: Audio Club (KL-ooooX)

☆:New Parts.

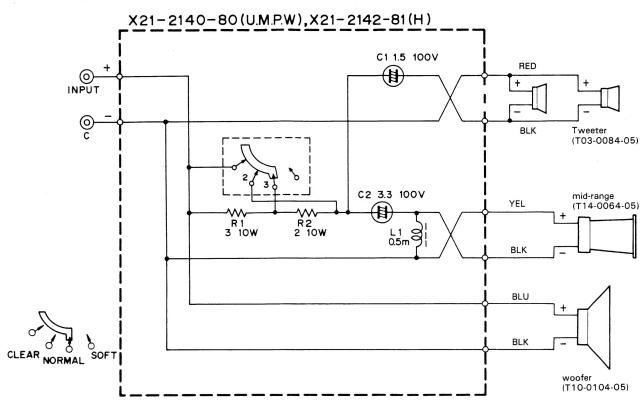
	Parts Number				Remarks
Ref. No.	KL-777X	KL-888X	KL-999X	Description	Remarks
_	A29-0288-05	A29-0289-05	A29-0289-05	Attenuator panel ass'y	☆
_	B06-0118-02	B06-0117-01	B06-0117-01	Grille ass'y	☆
_	_	_	B40-1842-00	Model name plate (P,U,M)	<b>\$</b>
		_	B40-1843-00	Model name plate (W,H)	☆
	B46-0055-20	B46-0055-20	B46-0055-20	Warranty card (P)	
	B46-0062-20	B46-0062-20	B46-0062-20	Warranty card (U,H)	
_	B46-0063-00	B46-0063-00	B46-0063-00	Warranty card (U)	1
	B50-2126-00	B50-2122-00	B50-2120-00	Instruction manual (U)	☆
_	B50-2127-00	B50-2124-00	B50-2121-00	Instruction manual (P,M)	☆
_	B50-2128-00	B50-2123-00	B50-2125-00	Instruction manual (W,H)	☆
	2002,200				
	E30-1003-05	E30-1003-05	E30-1003-05	Speaker cord (U,M,H)	
	H01-3510-04	H01-3515-04	H01-3520-04	Carton box (U)	☆
	H01-3511-04	H01-3516-04	H01-3521-04	Carton box (M)	
_	H01-3512-04	H01-3517-04	H01-3522-04	Carton box (W)	1
_	H01-3513-04	H01-3518-04	H01-3523-04	Carton box (P)	
	H01-3514-04	H01-3519-04	H01-3524-04	Carton box (H)	1
	H10-1978-03	H10-1978-03	H10-1978-03	Polystyrene foamed fixture (R)	☆
_	H10-1979-03	H10-1979-03	H10-1979-03	Polystyrene foamed fixture (L)	☆
_	H12-0818-04	H12-0813-04	H12-0813-04	Buffer fixture	☆
	H20-0831-04	H20-0832-04	H20-0832-04	Polyetylene cover	
_	H21-0481-04	H21-0482-04	H21-0482-04	Polystyrene foamed sheet	☆
_	<b>₭</b> 23-0517-05	K23-0517-05	K23-0517-05	Knob	☆
_	J19-0988-04	J19-0988-04	J19-0988-04	Grille holder	☆
_	N09-0460-05	N09-0081-05	N09-0081-05	Speaker mounting screw	
_	N14-0057-05	N14-0057-05	N14-0057-05	T nut (M4)	
_	_	T03-0086-05	T03-0086-05	Speaker unit (Super tweeter)	☆
	_	T06-0075-05	T06-0076-05	Speaker unit (Mid-range)	☆
	T10-0104-05	T10-0105-05	T10-0105-05	Speaker unit (Woofer)	☆
	T14-0064-05	T14-0064-05	T14-0065-05	Speaker unit (High-mid)	☆
_	T03-0084-05	T03-0085-05	T14-0066-05	Speaker unit (Tweeter)	☆
_	X21-2140-80	X21-2130-80	X21-2120-80	Network ass'y (U,M,P)	☆
	X21-2142-81	X21-2132-81	X21-2122-81	Network ass'y (W,H)	☆

## **NETWORK PARTS LIST**

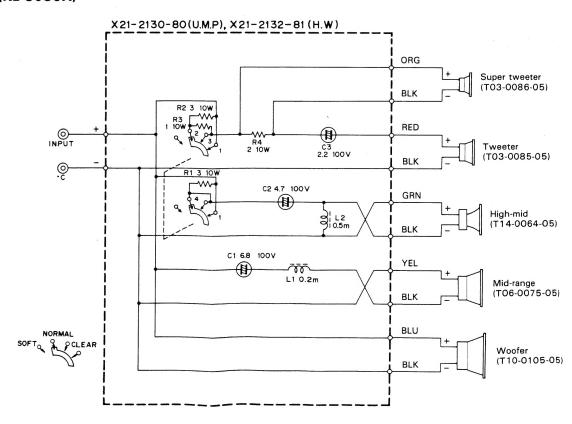
Ref. No.	Parts No.	Description	Re- marks	Ref. No.	Parts No.	Description	Re- marks
KL-777X			R3	R44-9701-06	Wire wound $1\Omega \pm 10\% 10W$		
C1 C2	C23-2015-56 C90-0633-05	Non-pole electro 1.5μF 100WV Non-pole electro 3.3μF 100WV		R4 _	R44-9702-06 S01-2201-05	Wire wound $2\Omega \pm 10\%$ 10W Rotary switch	
_	E29-0267-03	Terminal board ass'y (KL-777X) ☆		KL-999X			
_ L1	E29-0268-03 L38-0091-05	Terminal board ass'y (KL-7070X)  Coil (0.5mH)	☆	C1 C2 C3	C90-0636-05 C23-2022-56 C90-0633-05	Non-pole electro $10\mu F$ $100WV$ Non-pole electro $2.2\mu F$ $100WV$ Non-pole electro $3.3\mu F$ $100WV$	
R1 R2	R44-9703-06 R44-9702-06 S01-2201-05	Wire wound $3\Omega \pm 10\% 10W$ Wire wound $2\Omega \pm 10\% 10W$ Rotary switch		C4  -  -	C23-2022-56 E29-0272-03 E29-0273-03	Non-pole electro 2.2µF 100WV  Terminal board ass'y (KL-999X)  Terminal board ass'y (KL-9090X)	<b>☆</b>
KL-888X			L1	L38-0090-05	Coil (0.35mH)		
C1 C2 C3	C90-0635-05 C90-0634-05 C23-2022-56	Non-pole electro 6.8μF   100WV	*	L2 L3 R1 R2,3	L38-0091-05 L38-0089-05 R44-9706-06 R44-9702-06	Coil (0.5mH) Coil (0.2mH)  Wire wound $6\Omega \pm 10\% 10W$ Wire wound $2\Omega \pm 10\% 10W$	
_	E29-0270-03 E29-0271-03	Terminal board ass'y (KL-888X) Terminal board ass'y (KL-8080X)	й ф	R4	R44-9704-06	Wire wound $4\Omega \pm 10\% 10W$	
L1 L2 R1,2	L38-0089-05 L38-0091-05 R44-9703-06			_	S01-2201-05	Rotary switch	

# **SCHEMATIC DIAGRAM**

## KL-777X (KL-7070X)

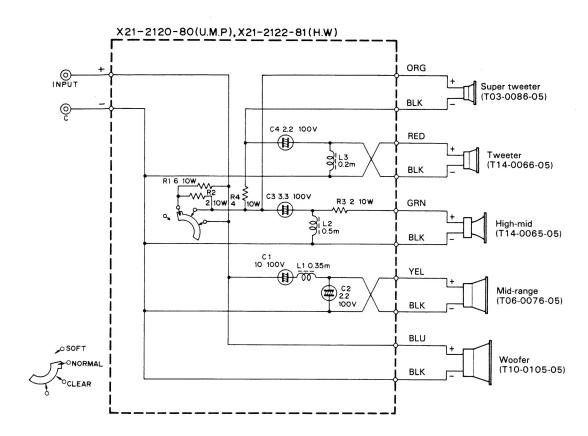


## KL-888X (KL-8080X)

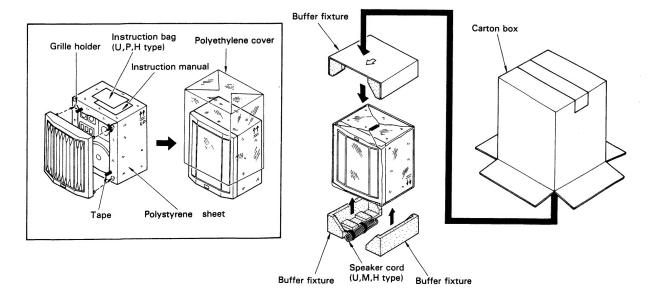


## **SCHEMATIC DIAGRAM/PACKING**

#### KL-999X (KL-9090X)



## **EXTERNAL VIEW**



Note: Make the system up side down first, and then put the carton box from over it.

## **SPECIFICATIONS**

## <KL-777X>

System	3-Way, 4-Speaker System
Mounted Speakers	
Woofer	380 mm (15") Cone Type × 1
Mid Range	Exponential Horn Type with
	Diffuser × 1
Tweeter	65 mm (2-1/2") Cone Type × 3
Enclosure	Bass-Reflex Type
Peak Input Power	200 Watts
Nominal Input Power	100 Watts
Sensitivity	96 dB/W at 1 m
Frequency Response	20 Hz to 21,000 Hz
Crossover Frequencies	2,000 Hz, 8,000 Hz
Impedance	8 Ohms
Additional Features	3 Step Acoustics Level Control
Dimensions	W: 417 mm (16-13/32")
	H: 648 mm (25-1/2")
	D: 272 mm (10-23/32")
Weight (Net)	16.5 kg (36.4 lbs.)
Enclosure Finish	Top, Side and Bottom are
	in Simulated Walnut-Grain
	Finish.

(Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.)

#### < KL-888X >

System	5-Way, 5-Speaker System			
Mounted Speakers				
Woofer	406 mm (16") Cone Type × 1			
Mid Range	120 mm (5") Cone Type × 1			
Mid-High Range	Exponential Horn Type with			
	Diffuser × 1			
Tweeter	65 mm (2-1/2") Cone Type × 1			
Super Tweeter	30 mm (1-1/4") Cone Type × 1			
Enclosure	Bass-Reflex Type			
Peak Input Power	250 Watts			
Nominal Input Power	125 Watts			
Sensitivity	98 dB/W at 1m			
Frequency Response	20 Hz to 22,000 Hz			
Crossover Frequencies	3,000 Hz, 5,000 Hz			
	9.000 Hz, 15,000 Hz			
Impedance	8 Ohms			
Additional Features	3 Step Acoustics Level Control			
	W: 445 mm (17-17/32")			
	H: 680 mm (26-25/32")			
	D: 272 mm (10-23/32")			
Weight (Net)	20.5 kg (45.2 lbs.)			
	Top, Side and Bottom are			
	in Simulated Walnut-Grain			
	Finish.			

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#### < KL-999X >

System	5-Way, 5-Speaker System
Mounted Speakers	oa,, o opeanor oyotom
•	406 mm (16") Cone Type × 1
	160 mm (6-1/2") Cone Type × 1
	Sectoral Horn Type × 1
Tweeter	
	30 mm (1-1/4") Cone Type × 1
Enclosure	
Peak Input Power	300 Watts
Nominal Input Power	150 Watts
Sensitivity	98 dB/W at 1m
Frequency Response	20 Hz to 22,000 Hz
Crossover Frequencies	1,000 Hz, 4,000 Hz
	8.000 Hz, 15,000 Hz
Impedance	8 Ohms
Additional Features	3 Step Acoustics Level Control
Dimensions	W: 445 mm (17-17/32")
	H: 680 mm (26-25/32")
	D: 272 mm (10-23/32")
Weight (Net)	20.5 kg (45.2 lbs.)
Enclosure Finish	Top, Side and Bottom are
	in Simulated Walnut-Grain
	Finish.

(Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.)

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